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QUINN INTELLECTUAL PROPERTY LAW GROUP, P.C.

By

Evelyn Gomez

Attorney Docket No. 36-002330US
Client Ref. No. P0062US30

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

David C. Tully, et al.

Application No.: 10/799,360

Filed: March 11, 2004

For: COMPOSITIONS AND METHODS
OF VINYL OXAZOLONE
POLYMERIZATION

Examiner: Unassigned

Art Unit: 1614

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR § 1.97 and
§ 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

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Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action on the merits per 37 CFR 1.97(b)(3). However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 50-0893. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



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Reg. No. 41,079

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PTO/SB/21 (05-03)

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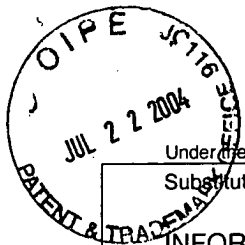
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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/799,360	
	Filing Date	March 11, 2004	
	First Named Inventor	David C. Tully	
	Group Art Unit	1614	
	Examiner Name	Unassigned	
Total Number of Pages in This Submission		Attorney Docket Number	36-002330US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Angela P. Horne, Ph.D., Reg. No. 41,079, Quine Intellectual Property Law Group, P.C.
Signature	<i>Angela P. Horne, PhD</i>
Date	<i>July 20, 2004</i>

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Substitute for form 1449A-B/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Complete if Known

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U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
	1	4,581,429		Solomon et al.	04-08-1986	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
	2	WO	96/24620		ELF Atochem S.A.	08-15-1996		
	3	WO	98/19705		Bristol-Myers Squibb Company	05-14-1998		
	4	WO	98/56424		ML Laboratories PLC	12-17-1998		
	5	WO	98/56425		The School of Pharmacy, University of London	12-17-1998		
	6	WO	99/03894		CIBA Specialty Chemicals Holding, Inc.	01-28-1999		
	7	WO	02/056021		Symyx Technologies, Inc.	07-18-2002		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	8	Benoit et al., "Development of a Universal Alkoxyamine for "Living" Free Radical Polymerizations" <u>J. Am. Chem. Soc.</u> (1999) Vol. 121:3904-3920.	
	9	Benoit et al., "Accurate Structural Control and Block Formation in the Living Polymerization of 1,3-Dienes by Nitroxide-Medicated Procedures" <u>Macromolecules</u> (2000) Vol. 33:363-370.	

Examiner Signature		Date Considered	
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10	Coleman et al., "Immobilization of Protein A at High Density on Azlactone-Functional Polymeric Beads and their use in Affinity Chromatography" <u>J. Chromatography</u> (1990) Vol. 512:345-363.
11	Drtina et al., "Highly Cross-Linked Azlactone Functional Supports of Tailorable Polarity" <u>Macromolecules</u> (1996) Vol. 29:4486-4489.
12	Fazio et al., "Synthesis and Polymerization of 2-(<i>p</i> -Vinylphenyl)-4,4-Dimethyl-5-Oxazolone: A Novel Monomer for Making Polymeric Reagents" <u>J. Poly. Sci. Part A: Poly. Chem.</u> (1992) Vol. 30:329-331.
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14	Heilmann et al., "Chemistry and Technology of 2-Alkenyl Azlactones" <u>J. Polym. Sci. Part A: Polym. Chem.</u> (2001) Vol. 39:3655-3677.
15	Iwakura et al., "Copolymerization of 2-Isopropenyl-4,4-dialkyl-5-oxazolones with Styrene" <u>J. Polym. Sci., Part A-1</u> (1968) Vol. 6:2681-2686.
16	Iwakura et al., "Copolymerization of Isoprenyl and Isopropylidene Oxazolones with Styrene" <u>J. Polym. Sci., Part A-1</u> (1966) Vol. 4:2649-2657.
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18	Muthiah and Mathias "Copolymers of 2-Vinyl-4,4-Dimethylazlactone with Styrene and Ethyl α -Hydroxymethylacrylate" <u>J. Polym. Sci. Part A: Polym. Chem.</u> (1991) Vol. 29:29-37.
19	Peterson et al., "Enzymatic Microreactor-on-a-Chip: Protein Mapping Using Trypsin Immobilized on Porous Polymer Monoliths Molded in Channels of Microfluidic Devices" <u>Anal. Chem.</u> (2002) Vol. 74:4081-4088.
20	Taylor et al., "Synthesis and Polymerization of 2-Vinyl-4,4-Dimethyl-5-Oxazolone" <u>Polymer Lett.</u> (1971) Vol. 9:187-190.
21	Taylor et al., "Synthesis of Poly (4,4-dimethyl-2-vinyl-5-oxazolone) an Interesting Material for Preparing Polymeric Agents" <u>Makromol Chem. Rapid Commun.</u> (1982) Vol. 3, 779-782.

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	22	Tripp et al., "Reactive Filtration": Use of Functionalized Porous Polymer Monoliths as Scavengers in Solution-Phase Synthesis" <u>J. Org. Lett.</u> (2000) Vol. 2:195-198.	
	23	Tripp et al., "Grafted Macroporous Polymer Monolithic Disks: A New Format of Scavengers for Solution-Phase Combinatorial Chemistry" <u>J. Comb. Chem.</u> (2001) Vol. 3:216-223.	
	24	Tully et al., "Synthesis of Reactive Poly(vinyl oxazolones) via Nitroxide-Mediated 'Living' Free Radical Polymerization" <u>Macromolecules</u> (2003) Vol. 36:4302-4308	
	25	Xie et al., "Design for Reactive Porous Polymer Supports for High Throughput Bioreactors: Poly(2-vinyl-4,4-Dimethylazlactone-co-acrylamide-co-ethylene Dimethacrylate) Monoliths" <u>J. Biotechnol. Bioeng.</u> (1999) Vol. 62:30-35.	

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